

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081122\  
 Data File : BF129728.D  
 Acq On : 11 Aug 2022 22:13  
 Operator : CG\JU  
 Sample : N4017-05  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB12

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 08/12/2022  
 Supervised By : Jagrut Upadhyay 08/12/2022

Quant Time: Aug 12 00:04:24 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 11 23:50:03 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.834  | 152  | 166743   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.116  | 136  | 639334   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.869  | 164  | 306965   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.357 | 188  | 434515   | 20.000  | ng    | #-0.01   |
| 76) Chrysene-d12              | 14.004 | 240  | 299838   | 20.000  | ng    | #-0.02   |
| 86) Perylene-d12              | 15.480 | 264  | 285322   | 20.000  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.475  | 112  | 1055579  | 103.125 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.487  | 99   | 1339994  | 104.150 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.398  | 82   | 851440   | 72.699  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.663 | 330  | 261302   | 88.540  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.186  | 172  | 1490387  | 75.108  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.945 | 244  | 1114546  | 70.127  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 75) Fluoranthene              | 12.574 | 202  | 59955    | 2.495   | ng    | 97       |
| 78) Pyrene                    | 12.804 | 202  | 63814    | 2.545   | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 13.968 | 149  | 58352    | 4.075   | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.051 | 252  | 38445m   | 2.031   | ng    |          |
| -----                         |        |      |          |         |       |          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

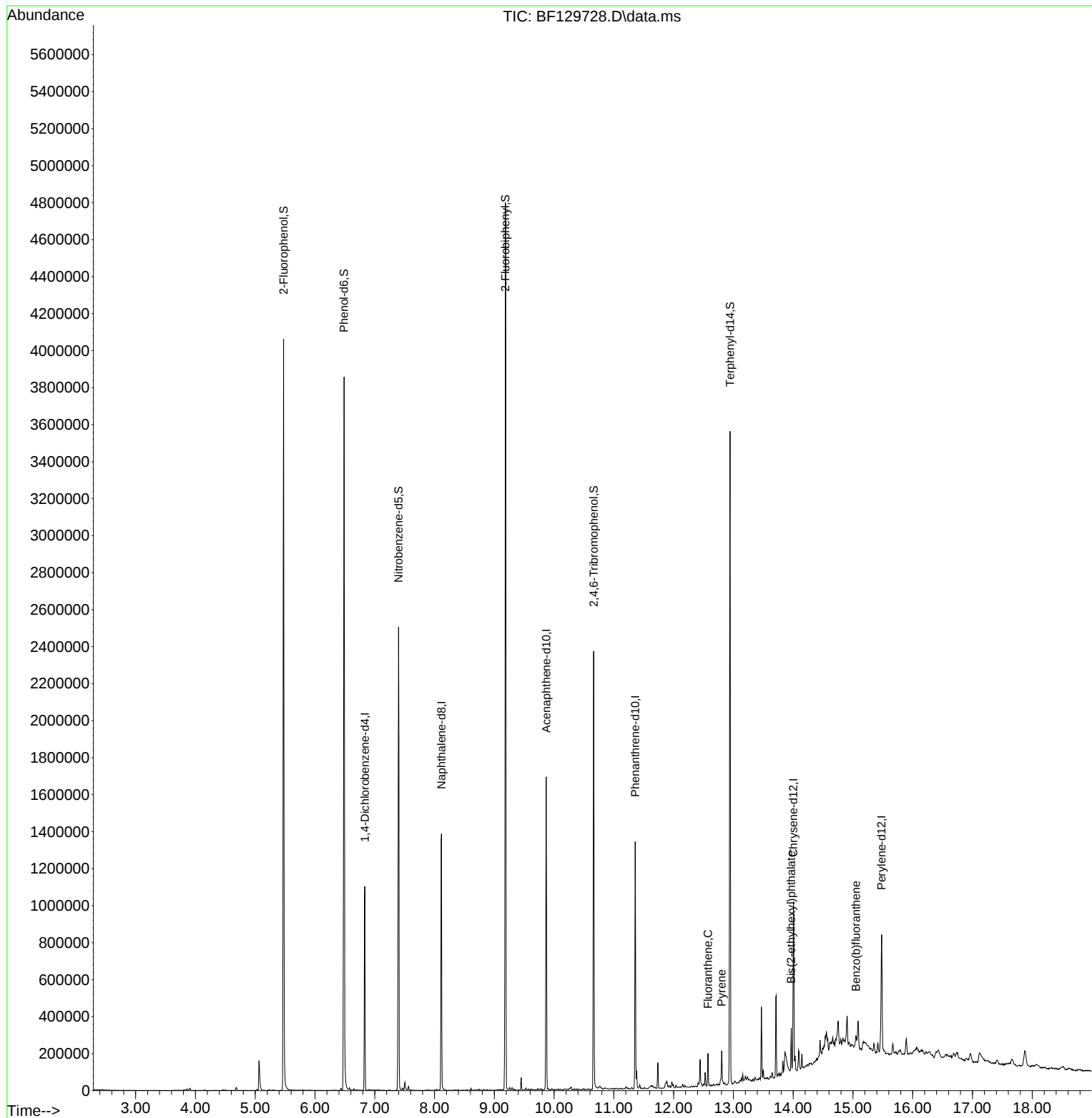
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081122\  
Data File : BF129728.D  
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ALS Vial : 13 Sample Multiplier: 1

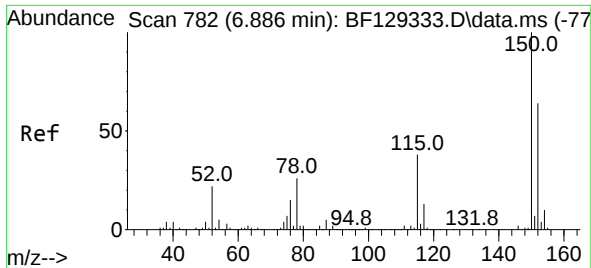
Instrument :  
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Quant Time: Aug 12 00:04:24 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 11 23:50:03 2022  
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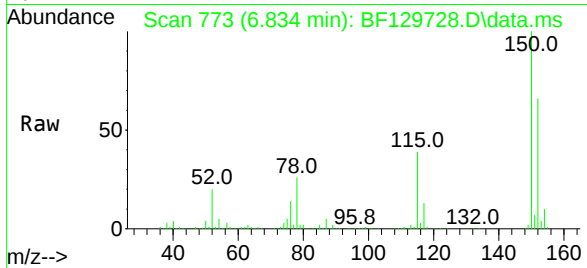
Reviewed By : Christian Giraldo 08/12/2022  
Supervised By : Jagrut Upadhyay 08/12/2022





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.834 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF129728.D  
 Acq: 11 Aug 2022 22:13

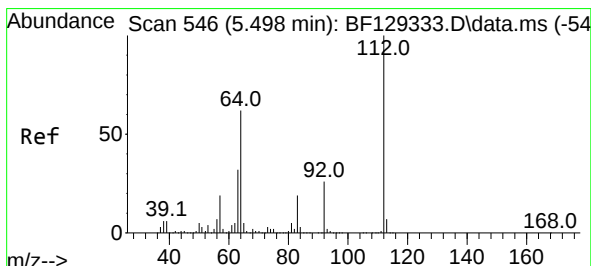
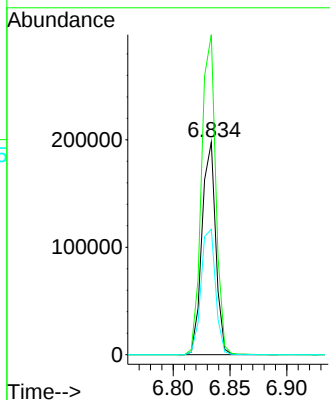
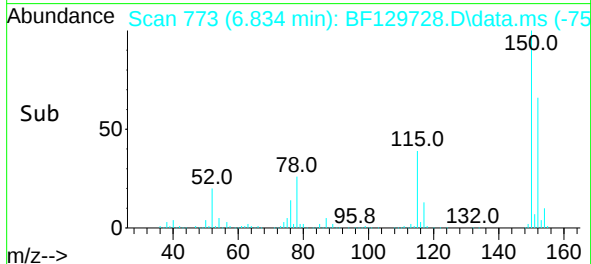
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB12



Tgt Ion:152 Resp: 16674  
 Ion Ratio Lower Upper  
 152 100  
 150 150.6 123.7 185.5  
 115 59.0 49.9 74.9

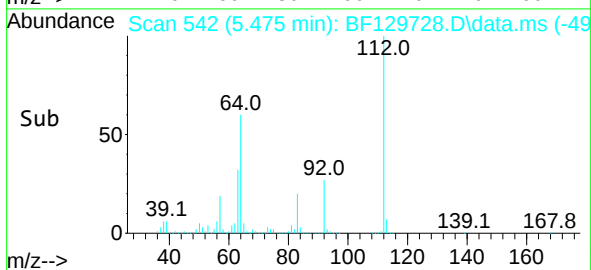
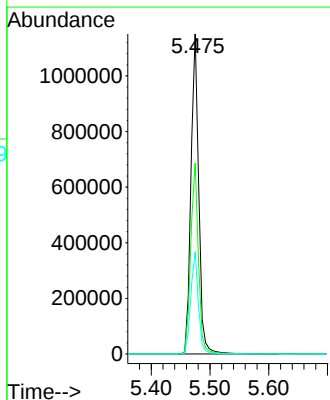
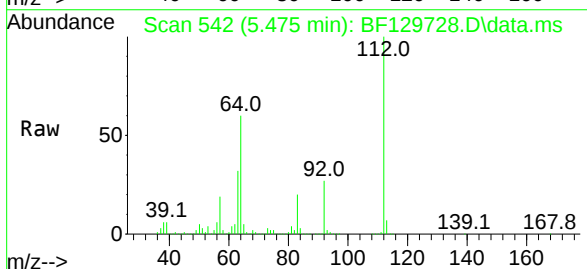
Manual Integrations  
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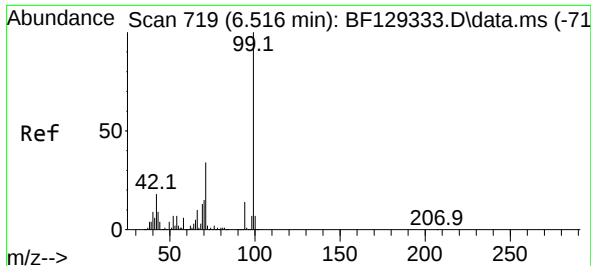
Reviewed By :Christian Giraldo 08/12/2022  
 Supervised By :Jagrut Upadhyay 08/12/2022



#5  
 2-Fluorophenol  
 Concen: 103.125 ng  
 RT: 5.475 min Scan# 542  
 Delta R.T. 0.006 min  
 Lab File: BF129728.D  
 Acq: 11 Aug 2022 22:13

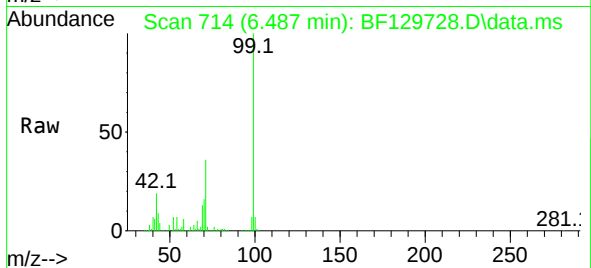
Tgt Ion:112 Resp: 1055579  
 Ion Ratio Lower Upper  
 112 100  
 64 59.7 53.3 79.9  
 63 31.9 28.0 42.0





#7  
Phenol-d6  
Concen: 104.150 ng  
RT: 6.487 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: BF129728.D  
Acq: 11 Aug 2022 22:13

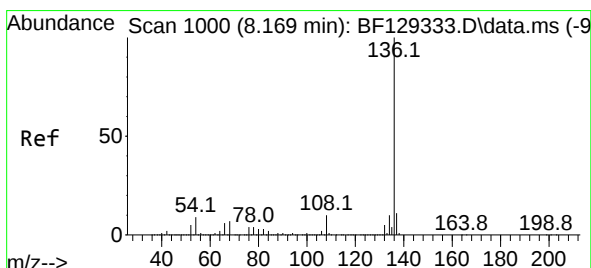
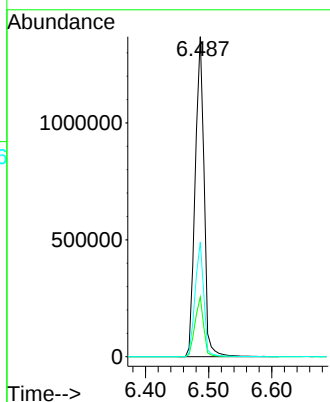
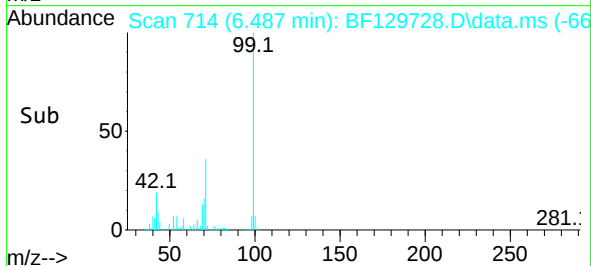
Instrument :  
BNA\_F  
ClientSampleId :  
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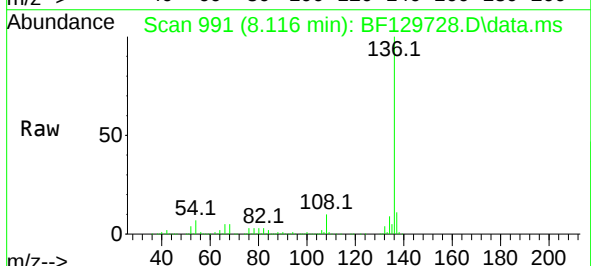
Tgt Ion: 99 Resp: 1339994  
Ion Ratio Lower Upper  
99 100  
42 18.7 17.3 25.9  
71 35.9 28.9 43.3

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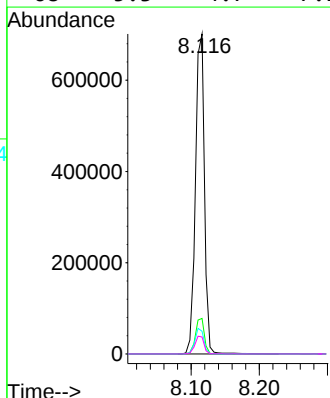
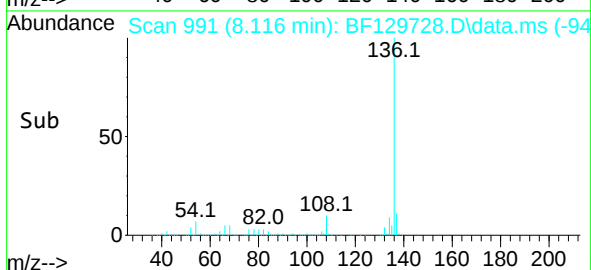
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022

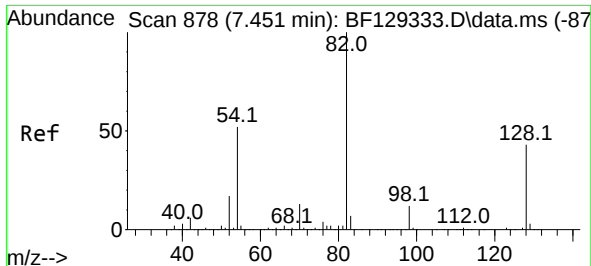


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 991  
Delta R.T. -0.006 min  
Lab File: BF129728.D  
Acq: 11 Aug 2022 22:13



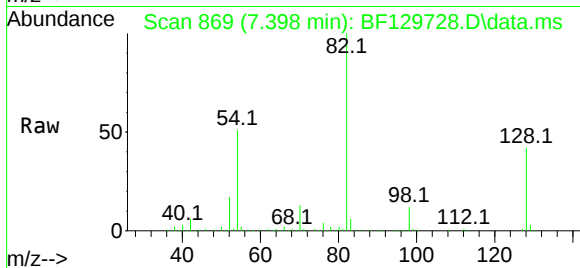
Tgt Ion:136 Resp: 639334  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.8 13.2  
54 7.1 7.5 11.3#  
68 5.3 4.7 7.1





#23  
Nitrobenzene-d5  
Concen: 72.699 ng  
RT: 7.398 min Scan# 80  
Delta R.T. -0.012 min  
Lab File: BF129728.D  
Acq: 11 Aug 2022 22:13

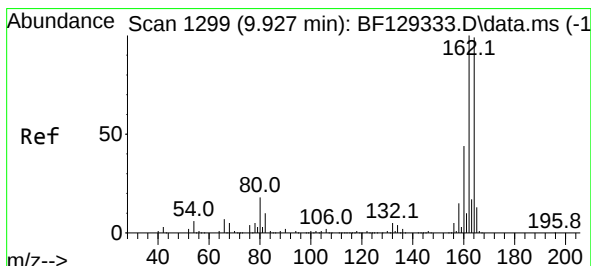
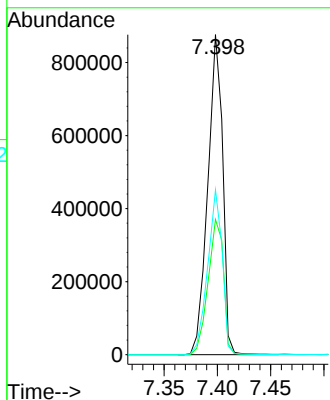
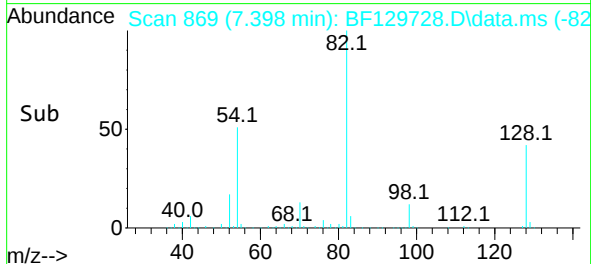
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion: 82 Resp: 851440  
Ion Ratio Lower Upper  
82 100  
128 42.3 34.0 51.0  
54 51.5 46.9 70.3

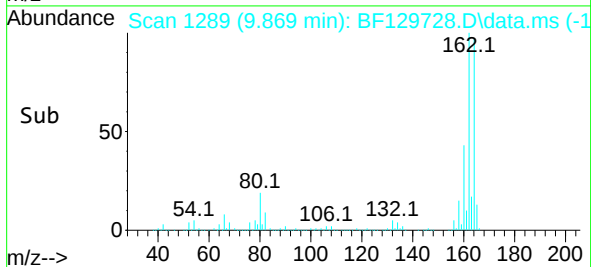
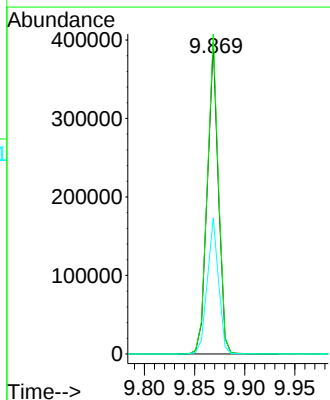
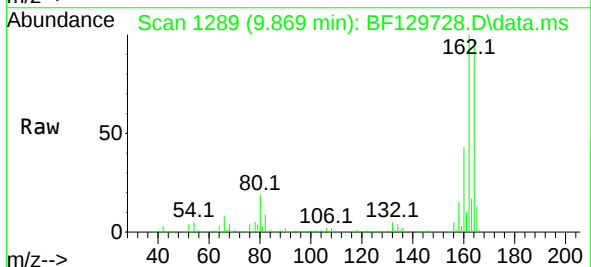
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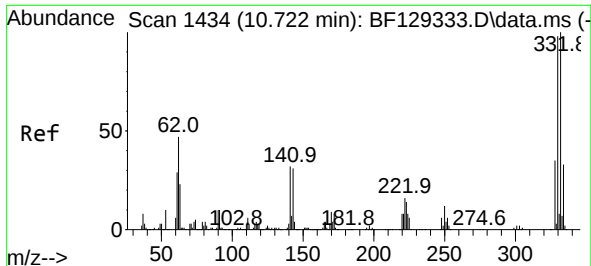
Reviewed By :Christian Giraldo 08/12/2022  
Supervised By :Jagrut Upadhyay 08/12/2022



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.869 min Scan# 1289  
Delta R.T. -0.012 min  
Lab File: BF129728.D  
Acq: 11 Aug 2022 22:13

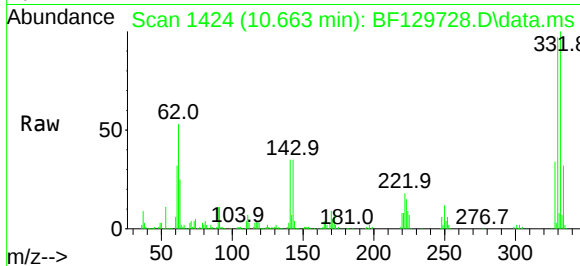
Tgt Ion:164 Resp: 306965  
Ion Ratio Lower Upper  
164 100  
162 102.7 79.5 119.3  
160 43.7 34.2 51.4





#42  
2,4,6-Tribromophenol  
Concen: 88.540 ng  
RT: 10.663 min Scan# 1434  
Delta R.T. -0.012 min  
Lab File: BF129728.D  
Acq: 11 Aug 2022 22:13

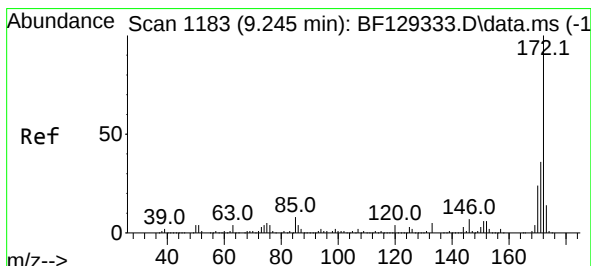
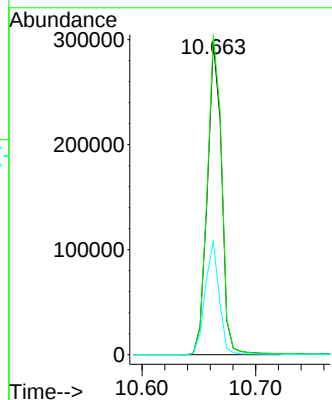
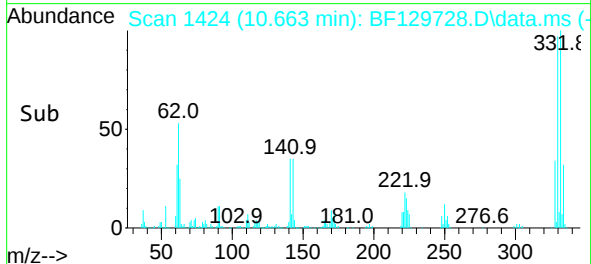
Instrument :  
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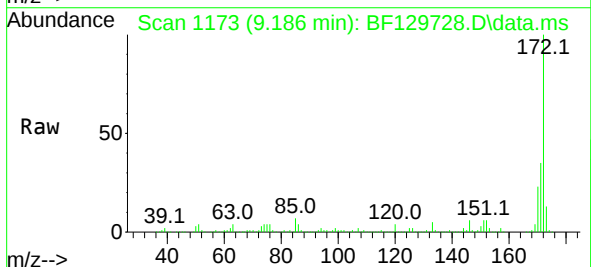
Tgt Ion: 330 Resp: 261302  
Ion Ratio Lower Upper  
330 100  
332 102.5 76.8 115.2  
141 35.5 28.0 42.0

Manual Integrations  
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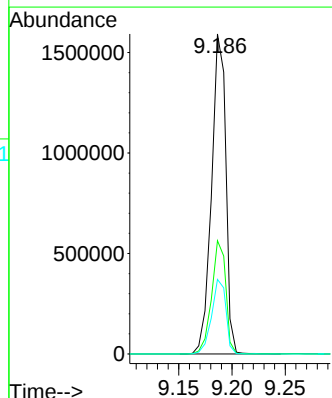
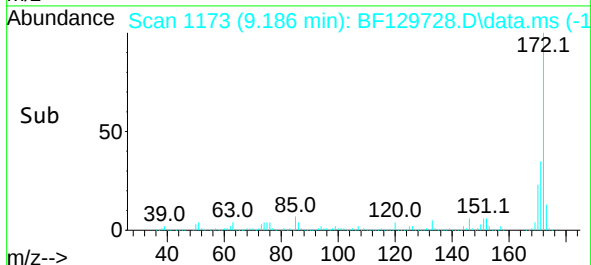
Reviewed By : Christian Giraldo 08/12/2022  
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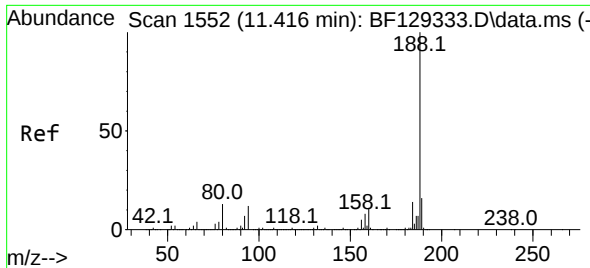


#45  
2-Fluorobiphenyl  
Concen: 75.108 ng  
RT: 9.186 min Scan# 1173  
Delta R.T. -0.012 min  
Lab File: BF129728.D  
Acq: 11 Aug 2022 22:13



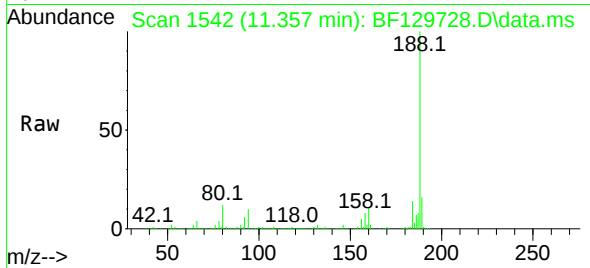
Tgt Ion: 172 Resp: 1490387  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.8 43.2  
170 23.3 19.8 29.8





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.357 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF129728.D  
Acq: 11 Aug 2022 22:13

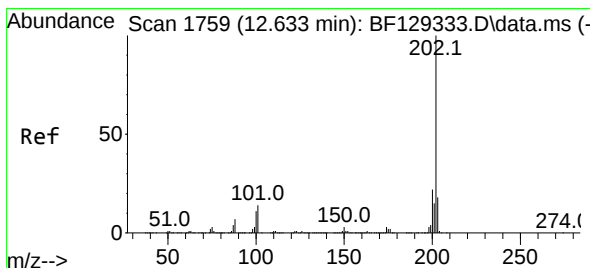
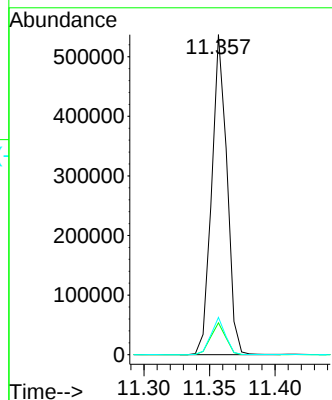
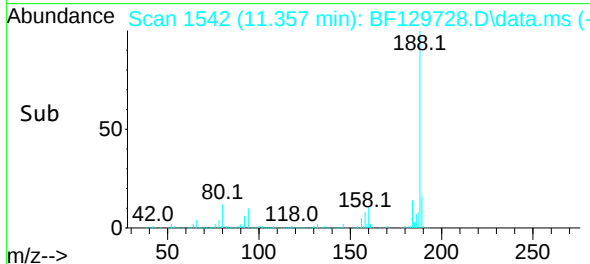
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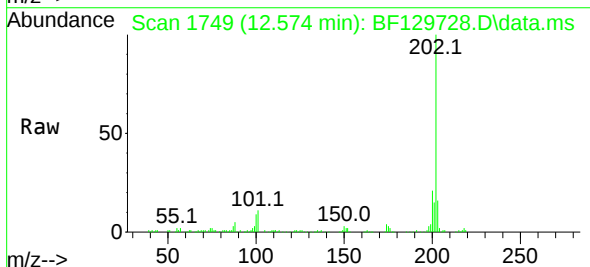
Tgt Ion:188 Resp: 434515  
Ion Ratio Lower Upper  
188 100  
94 10.0 7.0 10.6  
80 11.7 7.6 11.4

Manual Integrations  
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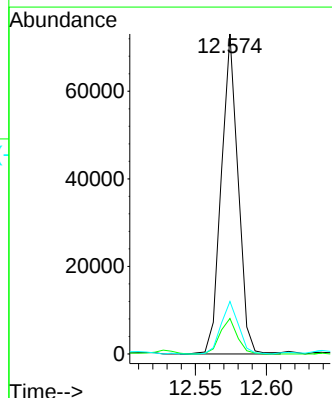
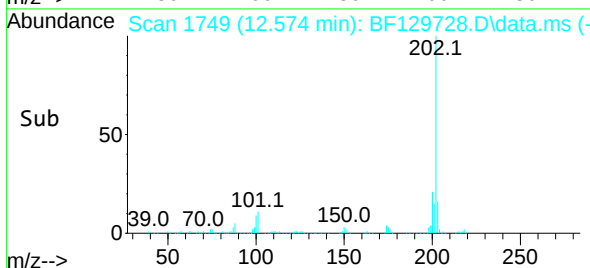
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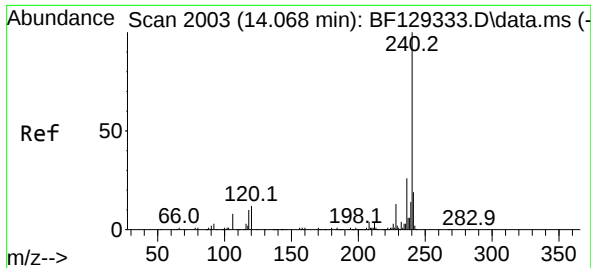


#75  
Fluoranthene  
Concen: 2.495 ng  
RT: 12.574 min Scan# 1749  
Delta R.T. -0.012 min  
Lab File: BF129728.D  
Acq: 11 Aug 2022 22:13



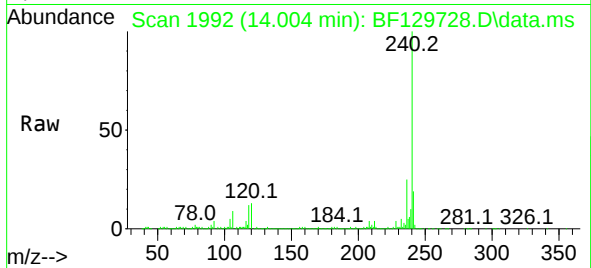
Tgt Ion:202 Resp: 59955  
Ion Ratio Lower Upper  
202 100  
101 11.1 0.0 31.4  
203 16.4 0.0 38.0





#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.004 min Scan# 1992  
Delta R.T. -0.018 min  
Lab File: BF129728.D  
Acq: 11 Aug 2022 22:13

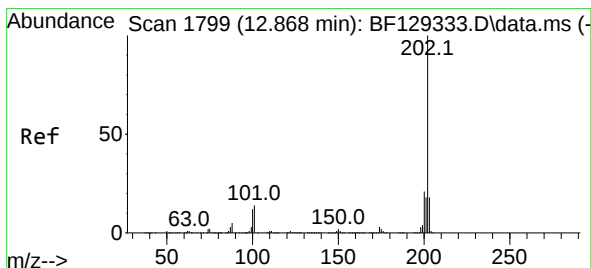
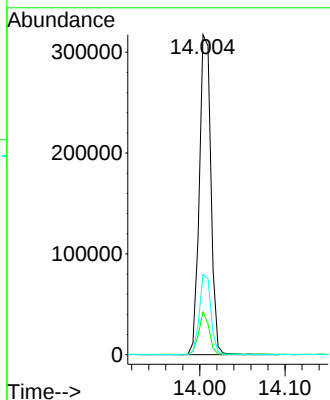
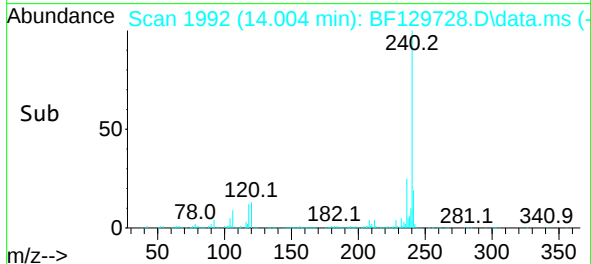
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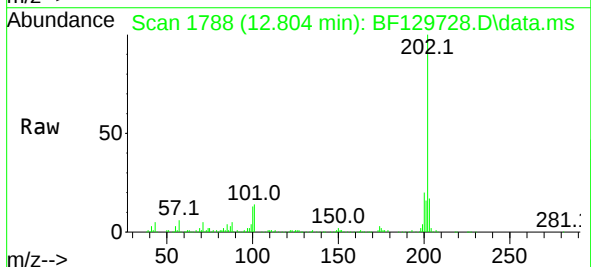
Tgt Ion:240 Resp: 299838  
Ion Ratio Lower Upper  
240 100  
120 13.4 8.9 13.3  
236 25.1 20.8 31.2

Manual Integrations  
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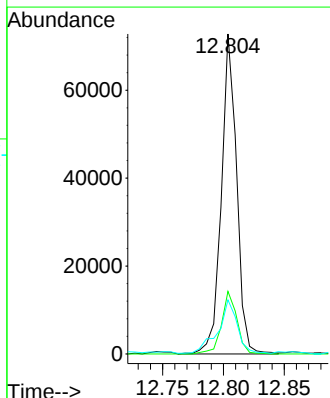
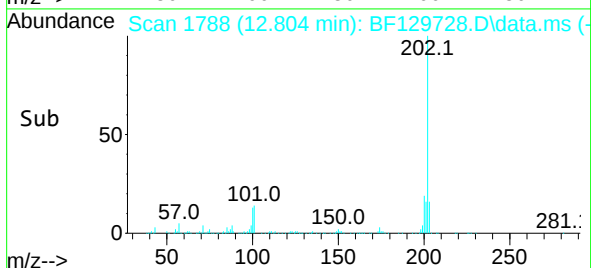
Reviewed By :Christian Giraldo 08/12/2022  
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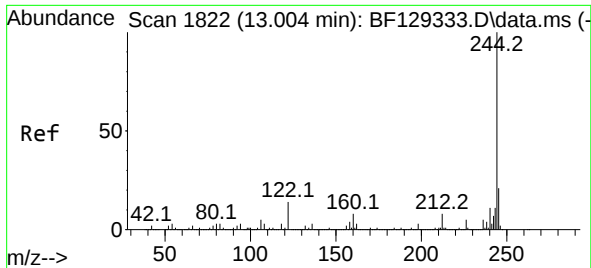


#78  
Pyrene  
Concen: 2.545 ng  
RT: 12.804 min Scan# 1788  
Delta R.T. -0.012 min  
Lab File: BF129728.D  
Acq: 11 Aug 2022 22:13



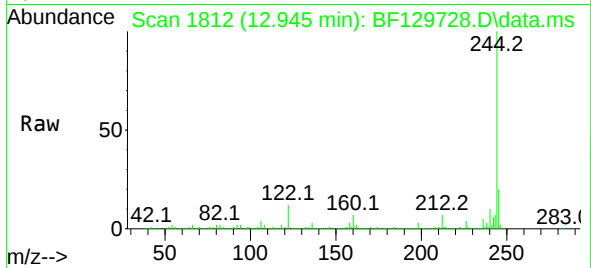
Tgt Ion:202 Resp: 63814  
Ion Ratio Lower Upper  
202 100  
200 19.5 17.7 26.5  
203 16.9 14.6 21.8





#79  
 Terphenyl-d14  
 Concen: 70.127 ng  
 RT: 12.945 min Scan# 1812  
 Delta R.T. -0.012 min  
 Lab File: BF129728.D  
 Acq: 11 Aug 2022 22:13

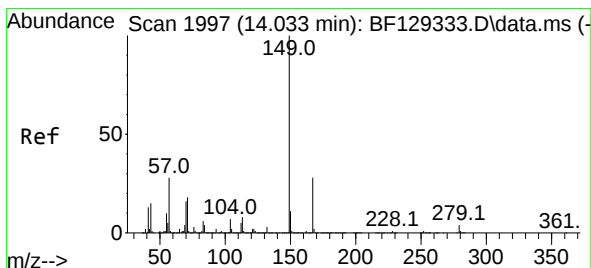
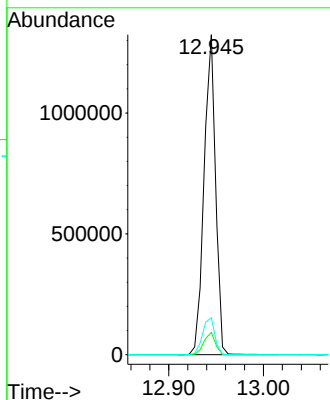
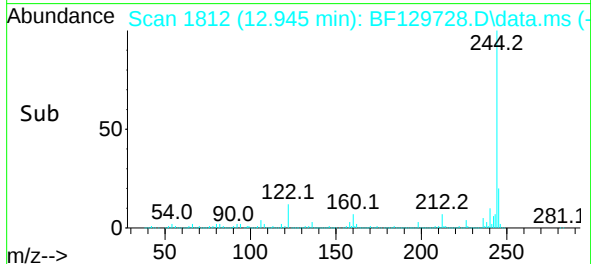
Instrument :  
 BNA\_F  
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 SB12



Tgt Ion:244 Resp: 1114540  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 6.1 9.1  
 122 11.6 8.8 13.2

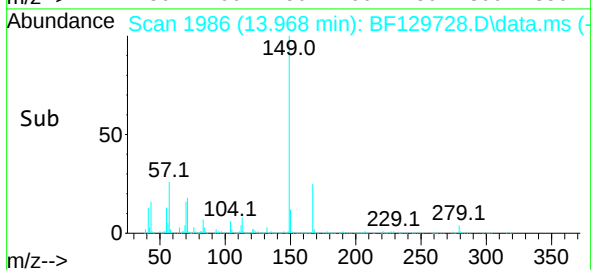
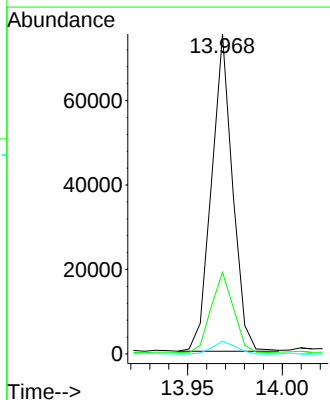
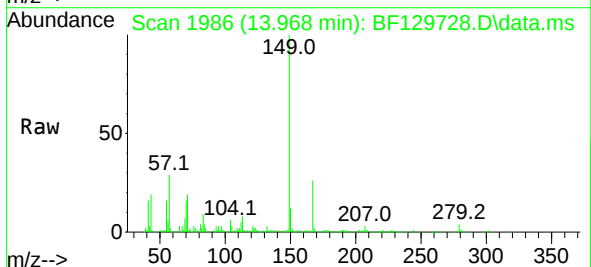
Manual Integrations  
 APPROVED

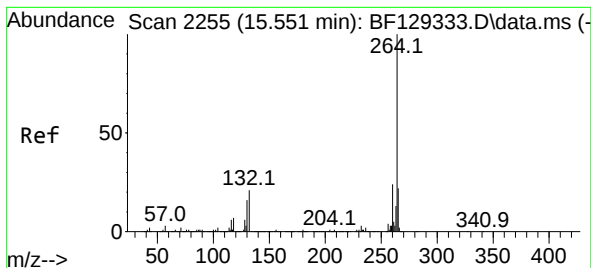
Reviewed By :Christian Giraldo 08/12/2022  
 Supervised By :Jagrut Upadhyay 08/12/2022



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 4.075 ng  
 RT: 13.968 min Scan# 1986  
 Delta R.T. -0.006 min  
 Lab File: BF129728.D  
 Acq: 11 Aug 2022 22:13

Tgt Ion:149 Resp: 58352  
 Ion Ratio Lower Upper  
 149 100  
 167 25.5 21.0 31.4  
 279 3.9 3.1 4.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2170

Delta R.T. -0.012 min

Lab File: BF129728.D

Acq: 11 Aug 2022 22:13

Instrument :

BNA\_F

ClientSampleId :

SB12

Tgt Ion:264 Resp: 28532

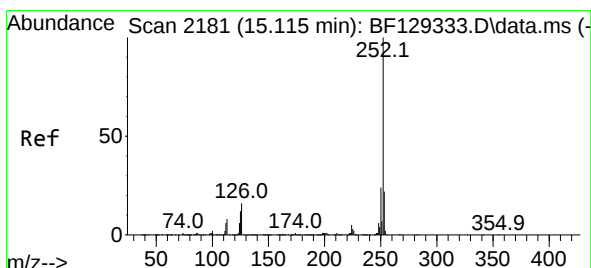
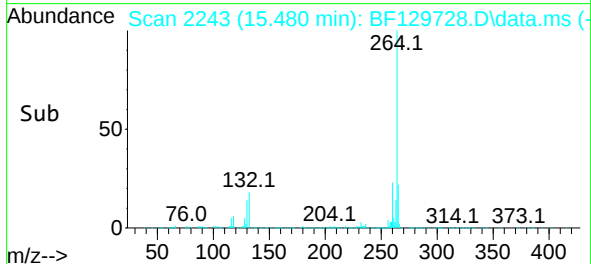
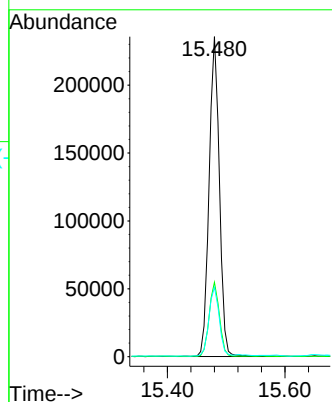
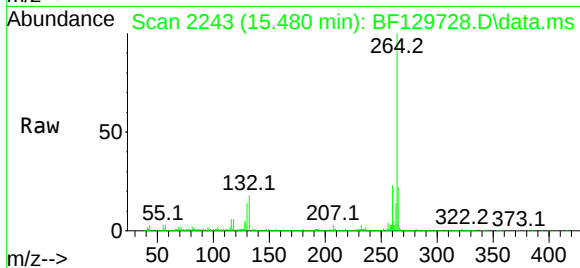
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.3  | 18.4  | 27.6  |
| 265 | 21.7  | 17.2  | 25.8  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#88

Benzo(b)fluoranthene

Concen: 2.031 ng m

RT: 15.051 min Scan# 2170

Delta R.T. -0.012 min

Lab File: BF129728.D

Acq: 11 Aug 2022 22:13

Tgt Ion:252 Resp: 38445

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 24.6  | 17.7  | 26.5  |
| 125 | 16.3  | 8.0   | 12.0  |

